

### **In the Abstract**

*Kindly replace the Abstract with the following:*

#### **Purpose**

To establish a method for controlling a bright annealing furnace for reducing the generation of white powder therein.

#### **Means**

The steam partial pressure of an the internal environment within a bright annealing furnace generating a boron oxide is reduced to less than about  $1 \times 10^{-5}$  by lowering at the dew point of the internal furnace environment. The dew point of the heating environment within the bright annealing furnace is lowered by introducing a gas having a hydrocarbon component[[,]] or a chemical compound having a carbon component[[,]] into the furnace.